



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

Description:	Recombinant <i>Salmonella typhimurium</i> sialidase, also known as NANH (N-acylneuraminase glycohydrolase), full length encompassing amino acids 2-382. The construct contains an N-terminal His-tag (6xHis). This protein was affinity purified.
Background:	Sialidases are glycosyl hydrolases that cleave the α -ketosidic bond from sialic acid residues. These proteins are crucial for microbes like <i>Salmonella</i> to successfully infect their hosts by degrading the cell's glycans and contributing to adherence and infection. <i>Salmonella typhimurium</i> infection results in salmonellosis, characterized by gastrointestinal symptoms, such as abdominal cramps and diarrhea, which last from 4 to 7 days. It can, however, result in severe cases requiring hospitalization. Inhibitors targeting sialidases may prove useful in the treatment of bacterial infections.
Species:	<i>Salmonella Typhimurium</i>
Construct:	Sialidase (His-2-382(end))
Concentration:	0.90 mg/ml
Expression System:	<i>E. coli</i>
Purity:	$\geq 90\%$
Format:	Aqueous buffer solution.
Formulated In:	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
MW:	43 kDa
Genbank Accession:	AE006468.2
Stability:	At least 6 months at -80°C .
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining

